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BEARING PART SEALING DEVICE FOR ROTARY SHAFT

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ABSTRACT

PURPOSE: To provide the favorable revolution conditions by forming a bearing seal which has a little resistance under the high speed revolution conditions by providing the sealed state for the dustproof and waterproof purposes for the bearing part which supports and sets the shaft part of a rotary body such as a roller and a drum, in free revolution.

CONSTITUTION: Concerning a sealing mechanism set between a rotary **shaft** or a rotary **shaft** body 10 which revolves integrally with the rotary **shaft** and a fixed body 1 such as the **bearing** part, an installation part 4 for the rotary **shaft** body 10 and a **seal lip** part 6 which can reduce the joint friction for the fixed body by the centrifugal action due to the revolution of the rotary **shaft** body 10 are provided, and a restricting means for suppressing the joint friction minus formation action in the case when the centrifugal force acts on the **seal lip** part 6 is provided.

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